



General Assembly

February Session, 2002

Amendment

LCO No. 3858

HB0553203858HR0

Offered by:

REP. DELGOBBO, 70th Dist.

To: Subst. House Bill No. 5532

File No. 138

Cal. No. 100

(As Amended)

***"AN ACT REQUIRING REDUCTION IN GLARE AND LIGHT
POLLUTION FROM PRIVATE AREA FLOODLIGHTING LOCATED
WITHIN THE STATE RIGHT-OF-WAY."***

1 Strike subsections (a) and (b) of section 2 and substitute the
2 following in lieu thereof:

3 "(a) As used in this section:

4 (1) "Fixture" means the assembly that holds a lamp and may include
5 an assembly housing, a mounting bracket or pole socket, a lamp
6 holder, a ballast, a reflector or mirror and a refractor or lens;

7 (2) "Glare" means direct light emitting from a luminaire that causes
8 reduced vision or momentary blindness;

9 (3) "Illuminance" means the level of light measured at a surface;

10 (4) "Lamp" means the component of a luminaire that produces the

11 light;

12 (5) "Light trespass" means light emitted by a luminaire that shines
13 beyond the boundaries of the property on which the luminaire is
14 located;

15 (6) "Lumen" means a unit of measurement of luminous flux;

16 (7) "Luminaire" means the complete lighting system, including the
17 lamp and the fixture;

18 (8) "Permanent outdoor luminaire" means any luminaire or system
19 of luminaires that is outdoors and intended to be used for seven days
20 or longer; and

21 (9) "State funds" means any bond revenues or any money
22 appropriated or allocated by the General Assembly.

23 (b) Except as provided in subsection (c) of this section, no state
24 funds shall be used to install or replace a permanent outdoor luminaire
25 for lighting on the grounds of any state building or facility unless (1)
26 the luminaire is designed to maximize energy conservation and to
27 minimize light pollution, glare and light trespass, (2) the luminaire's
28 illuminance is equal to the minimum illuminance adequate for the
29 intended purpose of the lighting, and (3) no more than two per cent of
30 the lumens of the luminaire are in the zone of ninety to one hundred
31 eighty degrees vertical angle if the rated output of the luminaire is
32 greater than three thousand two hundred lumens."